

**Record 8: JP5311016A****(ENG) POLYETHYLENE COMPOSITION FOR INFLATION FILM****Assignee:** MITSUBISHI PETROCHEMICAL CO

[ no drawing available]

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SASAKI YOSHIHIKO**Application No:** JP 11773192 A**Filing Date:** 19920511**Issue/Publication Date:** 19931122

**Abstract:** (ENG) <sec>PURPOSE: To obtain the compsn. which gives an inflation film excellent in the flatness of the heat-sealed surface by mixing a specific polyethylene with another polyethylene.  
CONSTITUTION: The compsn. comprises 97-90wt.% polyethylene (A) prepd. using a Ziegler catalyst in two steps, the step of producing a low-mol.-wt. part (LM) and the step of producing a high-mol.-wt. part (HM), and 3-10wt.% polyethylene (B) prepd. using a chromium compd. catalyst and has a melt index of 0.02-0.2g/10min and a density of 0.940-0.960g/cm<sup>3</sup>. Polyethylene A has a mol.wt. distribution index of LM of 3-6, that of HM of 3-6, a melt index of LM of 500-5.000g/10min, a melt index of HM under the high load of 0.1-1 g/10min, and a wt. ratio of LM/HE of (60:40)-(30:70). Polyethylene B has a melt index under the high load of 3-15g/10min, a density of 0.940-0.960g/cm<sup>3</sup>, and a mol.wt. distribution of 7-20.</sec>

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